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#### TRANSMITTAL LETTER TO THE UNITED STATES **DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER A1116/20341 U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

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	RNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED	
	GB2004/001343	March 29, 2004	March 31, 2003	
	OF INVENTION	APPARATUS FOR CRYOGENIC AIR DIS	STILLATION	
APPLI	ICANT(S) FOR DO/EO/US	Stephen John GIBBON	<u></u>	
	_	tes Designated/Elected Office (DO/EO/US) the	he following items and other information:	
1.	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.			
2.	This is a SECOND or SUBSEQUE	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.		
3.	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.			
4.	_	The US has been elected (Article 31).		
5. <b>E</b>	A copy of the International Applicati	ion as filed (35 U.S.C. 371(c)(2))		
	a.  is attached hereto (required o	only if not communicated by the International	J Bureau). ∮	
	b. Mas been communicated by the	the International Bureau.	•	
	c. D is not required, as the applica	c. $\square$ is not required, as the application was filed in the United States Receiving Office (RO/US).		
6. C	${\sf J}$ An English language translation of the	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).		
	a. ☐ is attached hereto.			
	b. ☐ has been previously submitted	b. has been previously submitted under 35 U.S.C. 154(d)(4).		
7. 🛛	Amendments to the claims of the Inte	ernational Application under PCT Article 19 (	(35 U.S.C. 371(c)(3))	
	a. $\square$ are attached hereto (required only if not communicated by the International Bureau).			
	b. $\square$ have been communicated by	the International Bureau.	'	
	_	er, the time limit for making such amendmen	nts has NOT expired.	
	d. 🛭 have not been made and will			
8. C	<u> </u>	e amendments to the claims under PCT Artic	cle 19 (35 U.S.C. 371 (c)(3)).	
	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).			
_	_	e annexes of the International Preliminary Ex	xamination Report under PCT	
lte	ems 11 to 20 below concern documer	nt(s) or information included:		
11.	An Information Disclosure Statement	under 37 CFR 1.97 and 1.98.	,	
12. 🗆	_	ng. A separate cover sheet in compliance wit	th 37 CFR 3.28 & 3.31 is included.	
	A preliminary amendment with attache		· · · · · · · · · · · · · · · · · · ·	
	An Application Data Sheet under 37 C		· !	
	A substitute specification.			
	A power of attorney and/or change of	i address letter.	!	
	•	uence listing in accordance with PCT Rule 13	3ter.2 and 35 U.S.C. 1.821 - 1.825.	
	_	national Application under 35 U.S.C. 154(d)(4	•	
19. 🗆	A second copy of the English languaç	ge translation of the International Application	under 35 U.S.C. 154(d)(4).	
20. 🗵	1 Other items or information: Cover She Patentability, U.S. Express Mail Trans	eet of International Publication No. WO 2004 smittal EL 962210595 US, return receipt posi	4/088228, International Preliminary Report on steard	

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

# JC20 Rec'd PCT/PTO 2 7 SEP 2005

(Substitute) PTO-1390 (Rev. 07-2005)
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. U.S. APPLICATION NO. INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NO. T/GB2004/001343 A1116/20341 PTO USE ONLY CALCULATIONS The following fees have been submitted: \$300 22. Examination fee (37 CFR 1,492(c)) If the written opinion prepared by ISA/US of the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) . . . . . . . . . . \$200 23. Search fee (37 CFR 1.492(b)) If the written opinion prepared by ISA/US of the international preliminary examination report prepared Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to \$400 International Search Report prepared an ISA other than the US and provided to the Office or previously communicated to the US by the IB .......\$400 All other situations ..... TOTAL OF 21, 22 and 23 = \$900 Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing filed in an electronic medium) (37 CFR The fee is \$250 for each additional 50 sheets of paper or fraction thereof. **Total Sheets** Extra Sheets Number of each additional 50 or fraction thereof RATE \$0 (round up to a whole number) \$250 - 100 = /50 = Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)). \$0 CLAIMS NO. FILED NUMBER EXTRA RATE Total claims 18 0 x \$50 \$0 Independent 0 x \$200 \$0 MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360 TOTAL OF ABOVE CALCULATIONS = \$900 Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. SUBTOTAL = \$900 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). TOTAL NATIONAL FEE = \$900 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property TOTAL FEES ENCLOSED = \$900 Amount to be refunded: \$ Amount to be charged: \$900 a. 🗆 A check in the amount of \$ to cover the above fees is enclosed. b. 🛛 03-0075 Please charge my Deposit Account No. . \_\_\_\_ in the amount of \$900.00 to cover the above fees. A duplicate copy of this sheet is enclosed. c. 🖾 The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. A duplicate copy of this sheet is enclosed. d. 🗆 Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card Information should not be Included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the Application to pending status. SEND ALL CORRESPONDENCE TO: SIGNATURE ames J. Kozuc NAME Customer No. 03000 **REGISTRATION NUMBER** 

## 10/550569

## JC20 Rec'd PCT/PTO 2 7 SEP 2005

Attny Docket No. A1116/20341 PTO Customer No. 03000

**Applicant** 

Stephen John GIBBON

Title

APPARATUS FOR CRYOGENIC AIR

DISTILLATION

The following documents are submitted for the above-identified invention for entry into the U.S. National stage under 35 U.S.C. §371, based on the International Application No. PCT/GB2004/001343, which includes the following:

- 1. Application Data Sheet;
- 2. Transmittal Letter, with Calculation Sheet, in duplicate;
- 3. Cover sheet of International Publication No. WO 2004/088228;
- 4. Preliminary Amendment with attached amended Abstract;
- 5. International Preliminary Report on Patentability; and,
- 6. Return Receipt Post Card.

### "Express Mail" Mailing Label No. EL 962210595 US Date of Deposit: September 27, 2005

I hereby certify that the above-identified documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR I.IO on the date indicated above and is addressed to: MAIL STOP PCT, ATTENTION: RO/EO/US, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA, 22313-1450

Marie Trahey